

RAW SEQUENCE LISTING

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Application Serial Number: 10/537,695
Source: pg 110
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DATE: 06/16/2005

PATENT APPLICATION: US/10/537,695

TIME: 10:36:30

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 4 Macina, Roberto
 5 Turner, Leah
 6 Sun, Yongming
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 9 Genes and Proteins
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 C--> 13 <140> CURRENT APPLICATION NUMBER: US/10/537,695
 C--> 13 <141> CURRENT FILING DATE: 2005-06-06
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434 tatactgggt ataactatgg gaactatgga tatggacagg gatatgcaga ctacagtggc     1920
436 caacagagca cttatggcaa ggcatctcga ggggtgggca atcaccaaaa caattaccag     1980
438 ccatactaaa ggagaacatt ggagaaaaca ggtgtgtata agagtacagg aaaacagtag     2040
440 aaatgtctaa tttaatttaa agatcaatag acaaatgaaa cgtaaaaaca aaatactatg     2100
442 tagcctgttt ttactaaatt gttgattttt taattgcttt atgagcctgt tttgcctaaa     2160
444 gtgtctatag atctttaact ttaaagtcct atctcacttt cttagtatt gcagaaaaac     2220
446 ttaagagttt ttctgtttgc ttttgtgtac caggtggtct agaggaataa ttaaacattt     2280
448 tagaactatt aacaggtaaa gtactgaaat ggttacaact taaggaaaaa aagaatgttg     2340
450 tcttctaact ctgacattat accttgttt taccgcccag cggaacttc attgcaggcc     2400
452 gtgtgtcacc ctgaccacgt ctatctctgg ggtcgcacg ttgcgggcag agcgcaaggc     2460
454 atacaccaga aaacgctgtc ctgtggtatg gtctcttcca acttcatgta ccagcgtaaa     2520
456 gattaaagtg gaaaacttca gactttggct tcatttttaa tctttttgga gattaagtgt     2580
458 ctaaaactaa cttaaatggt tttttacagg agttaaagta cataaatgcc tttttacagc     2640
460 ttaatcatth tggtcttctg tttagtgttg tatttcaatt gtggagcctc attttaagtg     2700

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/537,695

DATE: 06/16/2005
TIME: 10:36:31

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\06162005\J537695.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:31; N Pos. 47,150
Seq#:35; N Pos. 4,72,85,117,119,127,129,132,139,140,159,160,169,176,177,186
Seq#:35; N Pos. 188,205,227,230,241,286,326,328,329,330,333,334,345,348
Seq#:37; N Pos. 841,842
Seq#:38; N Pos. 28,70,88,100,118,119,120,127,143,149,193,268,332,340,352
Seq#:39; N Pos. 33,64,107,306
Seq#:44; N Pos. 640
Seq#:46; N Pos. 159,201
Seq#:51; N Pos. 7,160,161
Seq#:53; N Pos. 13,307,557,559,560,566,573,584,587,653,661,662,663,664,666
Seq#:53; N Pos. 667,670,673,676,688,703,976,991
Seq#:55; N Pos. 3
Seq#:56; N Pos. 2,39
Seq#:72; N Pos. 738
Seq#:73; N Pos. 738
Seq#:121; Xaa Pos. 2
Seq#:143; Xaa Pos. 17
Seq#:144; Xaa Pos. 16,50
Seq#:149; Xaa Pos. 3,4,7,8,11,17,18,21,23,27,33,40,41,45,60,73,74,75,76,80
Seq#:151; Xaa Pos. 64,238,239,240,244,247,252
Seq#:154; Xaa Pos. 9,23,29,33,39,40,42,64,89,110,113
Seq#:155; Xaa Pos. 18,22,41,54,55,61
Seq#:156; Xaa Pos. 11,21,36,108
Seq#:157; Xaa Pos. 1,11,26,30,32,42,46,47,49,51,52,71,72,92,96
Seq#:163; Xaa Pos. 44,45,49,50,53,60
Seq#:166; Xaa Pos. 6,35,37,41,49,62
Seq#:169; Xaa Pos. 53,67,95,97,100,101
Seq#:171; Xaa Pos. 35,48,49,51
Seq#:172; Xaa Pos. 35,48,49,51
Seq#:174; Xaa Pos. 64,77,81,84,86,92,93,94,95,96,97,99,101,102,103,104,106
Seq#:174; Xaa Pos. 128
Seq#:177; Xaa Pos. 1,52
Seq#:180; Xaa Pos. 75
Seq#:181; Xaa Pos. 4
Seq#:183; Xaa Pos. 1
Seq#:184; Xaa Pos. 1,4,5,8,10,11,15,17,19,20,21,23,54,56
Seq#:188; Xaa Pos. 1,2,3,12,18,20,21,32
Seq#:194; Xaa Pos. 51,65
Seq#:196; Xaa Pos. 313
Seq#:231; Xaa Pos. 6,7
Seq#:235; Xaa Pos. 105
Seq#:239; Xaa Pos. 74,81,87,104,112
Seq#:252; Xaa Pos. 6,8,10

VERIFICATION SUMMARY

DATE: 06/16/2005

PATENT APPLICATION: US/10/537,695

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Input Set : A:\pto.da.txt

Output Set: N:\CRF4\06162005\J537695.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:2118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:2418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:0
M:341 Repeated in SeqNo=35
L:2540 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:840
L:2627 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:2678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:2851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:600
L:2891 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:120
M:341 Repeated in SeqNo=46
L:3062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
M:341 Repeated in SeqNo=51
L:3234 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
M:341 Repeated in SeqNo=53
L:3302 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:3345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:0
L:4119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:720
L:4352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:720
L:8031 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:121 after pos.:0
L:9439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:143 after pos.:16
L:9470 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:0
M:341 Repeated in SeqNo=144
L:9859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:149 after pos.:0
M:341 Repeated in SeqNo=149
L:10047 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:48
M:341 Repeated in SeqNo=151
L:10224 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:0
M:341 Repeated in SeqNo=154
L:10297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:16
M:341 Repeated in SeqNo=155
L:10348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:156 after pos.:0
M:341 Repeated in SeqNo=156
L:10463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:0
M:341 Repeated in SeqNo=157
L:10729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:163 after pos.:32
M:341 Repeated in SeqNo=163
L:10878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:166 after pos.:0
M:341 Repeated in SeqNo=166
L:11033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:169 after pos.:48
M:341 Repeated in SeqNo=169
L:11133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:32
M:341 Repeated in SeqNo=171
L:11182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:172 after pos.:32
M:341 Repeated in SeqNo=172

VERIFICATION SUMMARY

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Input Set : A:\pto.da.txt

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L:11320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:48

M:341 Repeated in SeqNo=174

L:11405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:177 after pos.:0

M:341 Repeated in SeqNo=177